



# Clonetics™ Endothelial Media Systems

## Product Information

### Endothelial Media Differences

#### EGM® Endothelial Growth Media & EGM BulletKit®

- Basal media developed for normal human endothelial cells in a low-serum environment
- EGM includes an attached aliquot of Bovine Brain Extract (BBE)
- EGM BulletKit includes all supplements and growth factors in separate, frozen aliquots
- Final serum concentration 2%

#### EGM-MV BulletKit

- Developed for microvascular and coronary artery endothelial cells
- Basal medium is unchanged
- Final serum concentration increased to 5%

#### EGM-2 BulletKit

- Refinements to basal medium and the growth factors
- Further defined, does not contain BBE
- Final serum concentration 2%

#### EGM-2-MV BulletKit

- Developed for the enhanced growth of lung microvascular cells
- Final serum concentration increased to 5%

#### EGM-2 BulletKit (CC-3162)

- No BBE (Bovine Brain Extract)
- hEGF
- Hydrocortisone
- GA-1000 (Gentamicin, Amphotericin-B)
- FBS 10 ml
- VEGF
- hFGF-B (w/ heparin)
- R<sup>3</sup> -IGF-1
- Ascorbic Acid
- Heparin

#### EGM-2-MV BulletKit (CC-3202)

- No BBE (Bovine Brain Extract)
- hEGF
- Hydrocortisone
- GA-1000 (Gentamicin, Amphotericin-B)
- FBS 25 ml
- VEGF
- hFGF-B (w/ heparin)
- R<sup>3</sup> -IGF-1
- Ascorbic Acid

### SingleQuot® Kit Contents

#### EGM (CC-3024) EGM-BulletKit (CC-3124)

- BBE (Bovine Brain Extract), with heparin
- hEGF
- Hydrocortisone
- GA-1000 (Gentamicin, Amphotericin B)
- FBS 10 ml

#### EGM-MV BulletKit (CC-3125)

- BBE (Bovine Brain Extract), w/ heparin
- hEGF
- Hydrocortisone
- GA-1000 (Gentamicin, Amphotericin B)
- FBS 25 ml

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### EGM™-2 MV - Microvascular Endothelial Cell Medium-2

EGM-2 MV has been developed to support the growth and expansion of lung microvascular cells. Final concentration of FBS is 5%.

Clonetics® Media Systems are specially designed to support the growth of human and animal primary derived cells. Media systems have been specifically developed and optimized for various cell systems. Media is supplied in several formats:

- Basal Media - contains no growth factors cytokines, or supplements

- SingleQuots® - growth factors, cytokines, and supplements

- BulletKits® - basal media and SingleQuots packaged together

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Part Code	Description	Price	Curr	Un
CC-3202	BulletKit®	104.00	USD	KIT
CC-4147	SingleQuot® Kit	80.00	USD	KIT

### Supplemental Information

[Endothelial Cell Systems - Instructions](#)[Endothelial Media Systems - Product Information](#)[Human and Animal Primary Cells - Instructions](#)[GA-1000 - MSDS](#)[ReagentPack™ Subculture Reagents](#)[Intended Use](#)

**Related Products**[BBE-Bovine Brain Extract](#)[EGM™ - Endothelial Cell Medium](#)[EGM™ MV - Microvascular Endothelial Cell Medium](#)[EGM™-2 - Endothelial Cell Medium-2](#)[HAEC - Aortic Endothelial Cells](#)[HIAEC - Iliac Artery Endothelial Cells](#)[HMVEC-d - Dermal Microvascular Endothelial Cells, Adult](#)[HMVEC-d - Dermal Microvascular Endothelial Cells, Neonatal](#)[HMVEC-d - Dermal Microvascular Endothelial Cells, Neonatal, pooled](#)[HMVEC-L - Lung Microvascular Endothelial Cells](#)[HPAEC - Pulmonary Artery Endothelial Cells](#)[HUAEC - Umbilical Artery Endothelial Cells](#)[ReagentPack™ Subculture Reagent Kit](#)[UtMVEC - Uterine Microvascular Endothelial Cells](#)